

CVS Breakers

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Molded-case circuit breakers and
switch-disconnectors from 16 to 630A



EasyPact CVS

Easy Choice for Quality and Value



- **EasyPact CVS MCCBs upto 630A is the easy choice for all your most common electrical distribution applications**

- **EasyPact CVS also available with Electronic Trip release LSol from 40A to 250A** NEW

- Encapsulated double break roto technique ensures outstanding current limiting capability
- High electrical / mechanical endurance for enhanced service life
- Single accessory reference for different functions – on/off, trip and fault trip – improves shop floor efficiency
- Separate electrical fault indication for ease of fault diagnosis
- Class 2 front face, Locking in off position, Suitable for Isolation
- Optimized footprint in two frame sizes

Range Details:

- **Breaking capacity 25kA to 50kA, $I_{cs} = 100\% I_{cu}$**
- **TMD, MA, Electronic trip units (LSol protection 40A to 630A)**
- **Electronic trip units (LSIG protection 25A to 630A)**
- **3P & 4P versions available**
- **Common accessories upto 630A**



With Thermal Magnetic Trip Unit (TMD)

- Range upto 100A
- 3P and 4P version available

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 100 BS Overload Setting (Ir) 0.8 - 1 x In					
25kA*	20A	LV510931	7910	LV510951	12540
	25A	LV510932		LV510952	
	32A	LV510933		LV510953	10750
	40A	LV510934		LV510954	
	50A	LV510935		LV510955	12540
	63A	LV510936		LV510956	
	80A	LV510937		LV510957	10750
	100A	LV510938		LV510958	

* Ics = 17kA

Accessories

Description	CVS100BS Reference	Unit MRP [₹]
Auxiliary contacts (changeover) Multifunction		
Auxiliary Switch 1 C/O	EZAUX10 ☒	1150
Alarm Switch 1 C/O	EZAUX01	
Alarm - Auxiliary Switch	EZAUX11 ☒	1710
Spreaders		
Spreaders *(Set Of 3) 3P	EZASPDR3P ☒	460
Spreaders *(Set Of 4) 4P	EZASPDR4P ☒	970
Rotary Handle		
Direct Rotary handle	EZAROTDS ☒	1630
Extended Rotary handle	EZAROTE	2400
Shunt Release		
AC		
100-130 V	EZASHT100AC	2470
200-277 V	EZASHT200AC ☒	
380-480 V	EZASHT380AC	2810
DC		
24 V	EZASHT024DC	2710

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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• Ics = 100% Icu as per IEC 60947-2

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In					
25kA	16A	LV510300 ☒	8430	LV510310	11720
	25A	LV510301 ☒		LV510311 ☒	
	32A	LV510302 ☒		LV510312 ☒	
	40A	LV510303 ☒		LV510313 ☒	
	50A	LV510304 ☒		LV510314	
	63A	LV510305 ☒		LV510315 ☒	
	80A	LV510306 ☒	8480	LV510316 ☒	15180
	100A	LV510307 ☒		LV510317 ☒	
	125A	LV516302 ☒	12400	LV516312 ☒	19400
	160A	LV516303 ☒	16180	LV516313 ☒	26790
25kA	200A	LV525302 ☒	21430	LV525312	
	250A	LV525303 ☒	25080	LV525313	30680
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In					
36kA	16A	LV510330 ☒	11530	LV510340	14400
	25A	LV510331 ☒		LV510341	
	32A	LV510332 ☒		LV510342 ☒	
	40A	LV510333 ☒		LV510343 ☒	
	50A	LV510334 ☒		LV510344	
	63A	LV510335 ☒		LV510345 ☒	
	80A	LV510336 ☒	12810	LV510346	15900
	100A	LV510337 ☒		LV510347 ☒	
	125A	LV516332 ☒	16960	LV516342	20200
	160A	LV516333 ☒	24430	LV516343	30270
36kA	200A	LV525332	27100	LV525342 ☒	
	250A	LV525333	35080	LV525343 ☒	33540
	320A	LV540305	35280	LV540308 ☒	43520
	400A	LV540306	39990	LV540309 ☒	43900
	500A	LV563305 ☒	45310	LV563308 ☒	50650
	630A**	LV563306 ☒		LV563309 ☒	55590
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50kA	16A	LV510470 ☒	15650	LV510480	19240
	25A	LV510471		LV510481	
	32A	LV510472 ☒		LV510482 ☒	
	40A	LV510473		LV510483	
	50A	LV510474		LV510484	
	63A	LV510475 ☒		LV510485 ☒	
	80A	LV510476 ☒	20350	LV510486	22270
	100A	LV510477 ☒		LV510487 ☒	
	125A	LV516462 ☒	22020	LV516467	26220
	160A	LV516463 ☒	28500	LV516468	35810
50kA	200A	LV525452	30640	LV525457 ☒	
	250A	LV525453	37990	LV525458 ☒	37760
	320A	LV540315 ☒	38280	LV540318	46980
	400A	LV540316 ☒	44380	LV540319 ☒	47840
	500A	LV563315 ☒	47340	LV563318	56000
	630A**	LV563316 ☒		LV563319 ☒	59600

Note:

**630A @ 30°C & 600A @ 40°C for TMD630A MCCB

For Details on stockable and non-stockable status, technical parameter, please Contact Customer Care Centre

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EasyPact CVS 40 to 630A with Electronic Trip Unit ETS 2.2 and ETS 2.3

- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable Overload from 0.4 to 1 x In
- Adjustable Short Circuit from 1.4 to 10 x Ir
- Adjustable Neutral Protection - N, N/2, OFF for 4 Pole MCCB
- Inbuilt Thermal Memory

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 40 to 250A					
25KA	40	LV510550	22030	LV510580	28350
	100	LV510551	22030	LV510581	28350
	160	LV516505	28130	LV516508	35880
	250	LV525505	36970	LV525508	47420
36KA	40	LV510552	22390	LV510582	28480
	100	LV510553	22390	LV510583	28480
	60	LV516506	28630	LV516509	39570
	250	LV525506	38710	LV525509	53640
50KA	40	LV510554	26860	LV510584	36350
	100	LV510555	26860	LV510585	37430
	160	LV516507	34040	LV516510	44280
	250	LV525507	44210	LV525510	57460

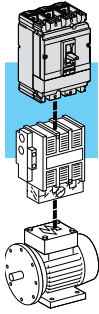
Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 400 to 630A					
36 kA	400A	LV540505 ☒	42620	LV540506 ☒	54900
	630A	LV563505 ☒	46840	LV563506 ☒	62160
50 kA	400A	LV540510 ☒	46780	LV540511 ☒	60560
	630A	LV563510 ☒	50930	LV563511 ☒	66610

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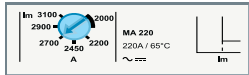
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Circuit Breakers for Motor Protection Breaking Capacity 50kA, Ics=100%Icu



Current Rating	Magnetic setting	2.5	6.3	12.5	25	50	100	150	220	320	500
CVS 100	I _m = I _n x ...	6....14 x I _n									
CVS 160/250								9....14 x I _n			
CVS 400										6....13 x I _n	
CVS 630											6....13 x I _n



Frame 1	2.5 to 220A
Frame 2	320 to 500A

With Magnetic Trip Unit MA Type

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
50kA	2.5A	LV510450	11630
	6.3A	LV510451	
	12.5A	LV510452 ☒	12640
	25A	LV510453 ☒	16810
	50A	LV510454 ☒	17060
	100A	LV510455 ☒	17340
50kA	150A	LV516451 ☒	21940
	220A	LV525442 ☒	23140
	320A	LV540552 ☒	34650
	500A	LV563552	42890



EasyPact CVS with built-in LSIG Electronic trip unit ETS 6

- Rated Current, In (A) – 25, 40, 100, 160, 250, 400, 630
- Breaking capacity (Icu=Ics) (kA) at 415V – 25 (only up to 250A), 36, 50
- 3 Pole and 4 pole versions.
- Built-in μ P based trip unit having protection functions LSIG.
Variable current setting for L,S,I and G and variable time delay setting for L,S and G.
- Neutral O/L protection possible with 3P MCCB (with External Neutral CT) and 4P MCCB
- Last Fault trip history on LCD screen of MCCB i.e Faulty phase, Type of Fault and interrupted current.

With ETS 6 Electronic trip unit (built in LSIG protection)

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	25A	LV510600	33320	LV510610	38670
	40A	LV510608		LV510618	
	100A	LV510609		LV510619	
	160A	LV516600	38280	LV516610	47460
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	250A	LV525600	45190	LV525610	55540
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
36kA	25A	LV510620	On Request	LV510630	On Request
	40A	LV510628	34730	LV510638	40320
	100A	LV510629		LV510639	
	160A	LV516620	39670	LV516630	49200
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
36kA	250A	LV525620	47830	LV525630	58900
	400A	LV540620	57130	LV540630	66170
	630A	LV563620	62540	LV563630	76270
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50kA	25A	LV510640	On Request	LV510650	On Request
	40A	LV510648	38000	LV510658	45310
	100A	LV510649		LV510659	
	160A	LV516640	45620	LV516650	54380
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50kA	250A	LV525640	50110	LV525650	60660
	400A	LV540640	59970	LV540650	71580
	630A	LV563640	66380	LV563650	85710

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Easy-Pact CVS Switch **Disconnect** Version



- Suitable for Isolation with positive contact indication as defined by standard IEC 60947-3.
- Compliance to utilization categories AC22A or AC23A
- Self protected due to high magnetic-set release
- Two frame sizes upto 630A
- Available in fixed version.
- Common Accessories as that of **EasyPact** CVS circuit breaker

Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
100A	LV510425	8420	LV510426	10670
160A	LV516425	10050	LV516426	12640
Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
250A	LV525425	21050	LV525426	28030
400A	LV540400	30860	LV540401	39270
630A	LV563400	35080	LV563401	47170

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Indication contacts



Voltage Release



Padlocking accessory



Direct Rotary Handle



Extended Rotary Handle

Accessories for EasyPact CVS 100 - 630A

Auxiliary Contacts (Changeover) Multifunction

Description	Reference	Unit MRP [₹]
OF or SD or SDE or SDV	29450 ☒	1090
OF or SD or SDE or SDV low level	29452	1270
SDE adapter for trip unit TM or MA or ETS 2.3 #	LV429451 ☒	940

To be considered alongwith SDE contact for MCCB with TMD/ETS 2.3/MA Trip Unit

Voltage Releases

Description	Shunt Release Reference	Unit MRP [₹]	Undervoltage Reference	Unit MRP [₹]
AC				
24 V 50/60 Hz	LV429384 ☒	3170	LV429404	3920
48 V 50/60 Hz	LV429385		LV429405	
110-130 V 50/60 Hz	LV429386 ☒		LV429406 ☒	
220-240 V 50/60 Hz	LV429387 ☒		LV429407 ☒	
380-415 V 50 Hz	LV429388 ☒		LV429408 ☒	
525 V 50 Hz	LV429389		LV429409	5620
DC				
12 V	LV429382	3170	LV429402	3880
24 V	LV429390 ☒		LV429410 ☒	
30 V	LV429391		LV429411	5620
48 V	LV429392		LV429412	3880
60 V	LV429383	4490	LV429403	5620
125 V	LV429393	3170	LV429413	3880
250 V	LV429394		LV429414	3850

Rotary Handles

Description	100/160/250A Reference	Unit MRP [₹]	400/630A Reference	Unit MRP [₹]
Direct rotary handle				
Standard black handle	LV429337 ☒	1530	LV432597 ☒	2300
Extended rotary handle				
Standard extended rotary handle	LV429338_IN ☒	2100	LV432598_IN ☒	3730

Installation Accessories

Description	100/160/250A Reference	Unit MRP [₹]	400/630A Reference	Unit MRP [₹]
Spreaders & Phase Barriers				
Spreaders (Set of 3) 3P	LV431563 ☒	730	32492 ☒	1650
Spreaders (Set of 4) 4P	LV431564 ☒	970	32493 ☒	2100
Phase Barriers (Set of 6)	*		LV432570 ☒	990
Interlocking				
For Breaker with Rotary Handle	LV429369	11340	LV432621	14280
For Breaker with Toggle	LV429354	13650	LV432614	14420
Mechanical Interlocking with Base Plate	29349**	-	32609**	-
Locking of Rotary Handle				
Locking Device	LV429344 ☒	730	LV432604 ☒	990
Ronis Keylock (1 Lock + 1 Key set)	41940 ☒	5460	41940 ☒	5460
Ronis Keylock (2 Locks + 1 Key set)	41950 ☒	9190	41950 ☒	9190
Profalux Keylock (1 Lock + 1 Key set)	42888	8530	42888	8530
Profalux Keylock (2 Locks + 1 Key set)	42878	10710	42878	10710

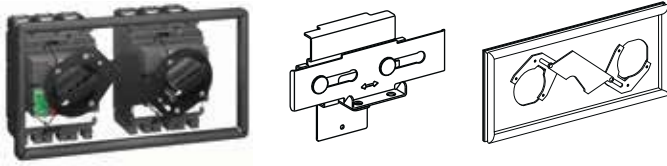
* supplied as standard with spreaders

** Mechanical Interlocking with Base Plate to be ordered with Safety trip interlock (LV429270 for 29349 and LV432520 for 32609)

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Accessories for CVS 100 - 630A

Manual Source change-over systems

- An additional accessory interlocks two devices with rotary handles to create a source changeover system. Closing of one device is possible only if the second is open.
- This function is compatible with direct or extended rotary handles.
- Up to three padlocks can be used to lock in the OFF or ON position.

Description	Reference	Unit MRP [₹]
Mechanical interlocking for circuit breakers		
With toggles 100A to 250A	LV429354	13060
With rotary handles 100A -250A	LV429369	10905
With toggles 400A to 630A	LV432614	13730
With rotary handles 400A to 630A	LV432621	

Accessories for ETS 6 Trip unit

Description	CVS100/160/250 Reference number	Rating	Unit MRP [₹]	CVS400/630 Reference number	Rating	Unit MRP [₹]
External neutral CT for 3 pole breaker with ETS6	LV429521	25 - 100 A	14820	LV432575	400 - 630 A	21410
	LV430563	150 - 250 A	22600			
Description			CVS 100 to 630 Reference number		Unit MRP [₹]	
Pocket Battery For MCCB With ETS 6			LV434206		24370	
24 VDC Terminal Block For MCCB With ETS 6			LV434210		6700	

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New Launch
Easy Series

EasyPact™ CVS

Molded-Case Circuit Breaker
from 800 to 1250 A



se.com/in

Life Is On

Schneider
Electric

Introduction Overview

State-of-the-art design, user-friendly features and a wide spectrum of protection releases of the MCCB range. Also recognised for its ergonomics, aesthetics and compactness. Specially designed and developed for extreme tropical conditions, it promises reliable performance in high ambient and humid environment.

Unfailingly, caters to the ever-evolving needs of customers, derived after in-depth analysis and customer feedback. Because we understand our customers' requirements and demands, our contemporary range of MCCBs never falls short of ensuring complete customer satisfaction. Moreover, complemented by a host of accessories, the EasyPact CVS range delivers comprehensive solutions to customer applications ensuring operational safety, reliability and versatility.



Features

- Range available from 800 to 1250 A
- Available in 3 pole and 4 pole
- Range of 50 kA breaking capacity
- Electronic trip unit release and Switch Disconnecter
- MCCBs for Distribution and SD version
- Wide range of Internal and External accessories
- RoHS compliant

Schneider Electric do not recommend the mix of different ranges of breakers.

Codes and standards

CVS range of MCCB series and accessories comply with:

- IEC 60947-1: General rules
- IEC 60947-2: Circuit-breakers

EasyPact CVS MCCB

Current rating	800 A, 1000 A, 1250 A
Release	Electronic trip unit, Switch Disconnecter

Trip Units

NA - Switch Disconnecter (SD)



LSI Protection - Electronic Trip Unit (ETS 2)



LSIG - Electronic Trip Unit (ETS 6)



Marking and Configuration



EasyPact CVS MCCB offers

Enhanced features

- Snap-fit accessories up to 800 to 1250 A
- Auxiliary contact for ON/OFF and Trip Indication
- Shunt coil for remote tripping
- Under Voltage coil

Accessories



Extended rotary handle



External neutral CT



Adaptor Kit



Spreaders link



Auxiliary 1 C/O



Auxiliary 2 C/O



Voltage release (MN)



Trip alarm contact 1 C/O



Auxiliary 1 C/O +
Trip alarm contact 1 C/O



Shunt release (MX)



EasyPact Molded Case Circuit Breaker 800 - 1250 N

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP ₹	Four Pole Reference	Unit MRP ₹
ETS 2					
50 kA at 415 V AC	800 A	LV508231	On Request	LV508241	On Request
	1000 A	LV510231		LV510241	
	1250 A	LV512231		LV512241	
ETS 6					
50 kA at 415 V AC	800 A	LV508232	On Request	LV508242	On Request
	1000 A	LV510232		LV510242	
	1250 A	LV512232		LV512242	



EasyPact Molded Case Circuit Breaker 800 - 1250 SD

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
SD					
415 V AC	800 A	LV508230	On Request	LV508240	On Request
	1000 A	LV510230		LV510240	
	1250 A	LV512230		LV512240	



Spreader links

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
	800 A	LV508530	On Request	LV508540	On Request
	1000 A	LV510530		LV510540	
	1250 A	LV512530		LV512540	



Extended Rotary Handle

Rated Current	Reference	Unit MRP [₹]
800 A	LV500500	On Request
1000 A		
1250 A		



External Neutral CT

Rated Current	Reference	Unit MRP [₹]
800 A	LV508560	On Request
1000 A	LV510560	
1250 A	LV512560	

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**Adaptor kit for
External Neutral CT**

Rated Current	Reference	Unit MRP [₹]
800 A	LV5085703	On Request
1000 A	LV510570	
1250 A	LV512570	



**Auxiliary 1 C/O + Trip Alarm
Contact 1 C/O**

Rated Current	Reference	Unit MRP [₹]
800 A	LV500604	On Request
1000 A		
1250 A		



Auxiliary Switch 1 C/O

Rated Current	Reference	Unit MRP [₹]
800 A	LV500601	On Request
1000 A		
1250 A		



**Shunt Release
(110/240/415 V AC)**

Rated Current	Reference	Unit MRP [₹]
800 A	LV500605	On Request
1000 A		
1250 A		



Auxiliary Switch 2 C/O

Rated Current	Reference	Unit MRP [₹]
800 A	LV500602	On Request
1000 A		
1250 A		



**Under Voltage release
(240 V AC)**

Rated Current	Reference	Unit MRP [₹]
800 A	LV500606	On Request
1000 A		
1250 A		



Trip Alarm Contact

Rated Current	Reference	Unit MRP [₹]
800 A	LV500603	On Request
1000 A		
1250 A		